

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License #5063.....
NameEnergy Exploration.....
Address1002 S. Broadway.....
City/State/ZipWichita, KS 67211.....

Purchaser..... Koch Oil Company.....

Operator Contact PersonBrad Lehl.....
Phone316-267-7336.....

Contractor: License #5422.....
NameAbercrombie Drilling, Inc.....

Wellsite Geologist..... Kevin L. Howard.....
Phone..... (316) 267-7336.....

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp Abd
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
Well Name
Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

5/02/85 5/10/85 5/10/85
Spud Date Date Reached TD Completion Date

4085' N/A
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at.....261' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....1345' feet

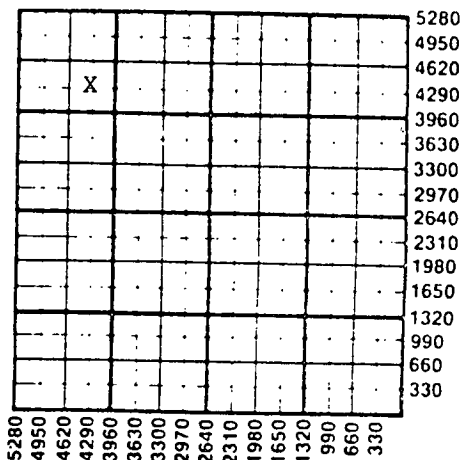
If alternate 2 completion, cement circulated
from.....1345' feet depth to.....surface/515' SX cmt

API NO. 15-...195-21,715.....
County..... Trego.....

SE ..NW ..NW Sec..4.. Twp 12S Rge. 21.. East West
..4290..... Ft North from Southeast Corner of Section
..4290..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name..... G.M. Deutscher..... Well #.....1.....
Field Name..... Zeman.....
Producing Formation..... Pawnee Marmaton.....
Elevation: Ground.....2340'.....KB.....2345'.....

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket #C 14,694..... Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #.....

Groundwater...25' Ft North from Southeast Corner
(Well) ..3168' Ft West from Southeast Corner of
Sec 6 Twp 12SRge 20 East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain).....
(purchased from city, R.W.D. #)

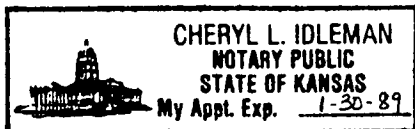
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature
Joseph D. Mace
Title..... President..... Date 6-20-85.....

Subscribed and sworn to before me this 20th day of June 1985

Notary Public..... Cheryl L. Idleman.....
Date Commission Expires..... 1-30-89.....



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 RECEIVED Other
STATE CORPORATION COMMISSION
6-22-1985
mll 2?

Form ACO-1 (7-84)
Wichita, Kansas

Sec. 4, Twp 12S, Rge. 21E

SIDE TWO

Operator Name ..Energy Exploration..... Lease Name..CM DEUTSCHER..... Well #...1.....

Sec...4..... Twp...12S... Rge...21..... East West County...Trego.....

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 3956-76, 30-60-60-60, Rec. 80' of MCO (55% oil; 45% mud), IHP 2179, IFP 42-47 ISIP 687, FFP 55-72, FSIP 645, FHP 2131, Temp. 112 'F

DST #2 4026-48, 30-30-30-30, Rec. 60' of M w/a few oil spots, IHP 2190, IFP 45-45, ISIP 1124, FFP 60-60, FSIP 1096, FHP 2124, Temp. 115'F

DST #3 4048-62, 30-60-60-60, Rec. 740' of MW, IHP 2138, IFP 49-150, ISIP 1211, FFP 205-319, FSIP 1201, FHP 2113, Temp 120 'F

Name	Top	Bottom
Formation	Log	Sample
Anhydrite	1789 +556	1789 +556
B/Anhy	1833 +512	1834 +511
Topeka	3400 -1055	3399 -1054
Heebner	3616 -1271	3617 -1272
Toronto	3636 -1291	3635 -1290
Lansing	3654 -1309	3650 -1305
BKC	3884 -1539	3390 -1545
Marmaton	3951 -1606	3950 -1605
Arbuckle	4016 -1671	4017 -1672
LTD	4086	RTD 4085

RELEASED
 9-10-1986
 SEP 10 1986

CONFIDENTIAL

FROM CONFIDENTIAL

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	261.50'	Common	200	2% gel, 3% c.c.
Production	7 7/8"	4 1/2"	10 1/2#	4085'	50-50 pop	50	2% gel, 7# Gils.
2nd Stage				1345	Surefill Lt. Wt.	125	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
2	3960 to 3966			500 gals... 15% MCA acid			
				Frac well w/22,000 gals			
				Purgel & 29,000 sx. sand		3960-66	
4	1400			150 sx., 3% cc		1400	
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2 3/8"	3975'	N/A			
Date of First Production		Producing Method					
6-5-85		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio		Gravity
70 Bbls		TSTM MCF		12 Bbls	N/A CFPB		35

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3960-66
 Used on Lease Dually Completed
 Commingled